

# Hands On Lab #1: Getting Started

## Overview



In this lab, we will use the SharePoint Embedded VS Code extension to setup a free trial SharePoint Embedded Container Type. Using that, we'll explore the SharePoint Embedded APIs in Postman and get a sample app running on our local machine.

## Pre-Reqs

1. Laptop with the following applications installed:
    - a. [VS Code](#)
    - b. [Postman client](#) and a free Postman online account
    - c. [Git](#)
    - d. [Node.js v20](#)
    - e. [Azure Functions Core Tools](#): `npm i -g azure-functions-core-tools@4 --unsafe-perm true`
  2. Global admin account on an M365 tenant with at least one SharePoint license
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## Steps

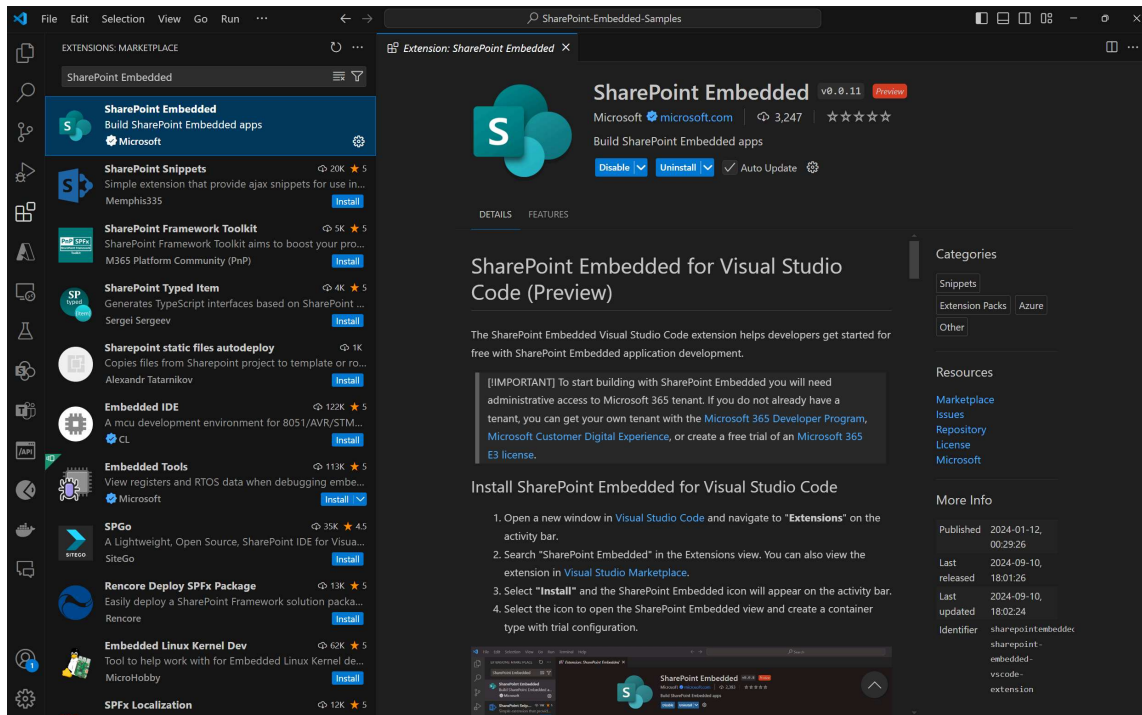


Steps in VS Code are blue

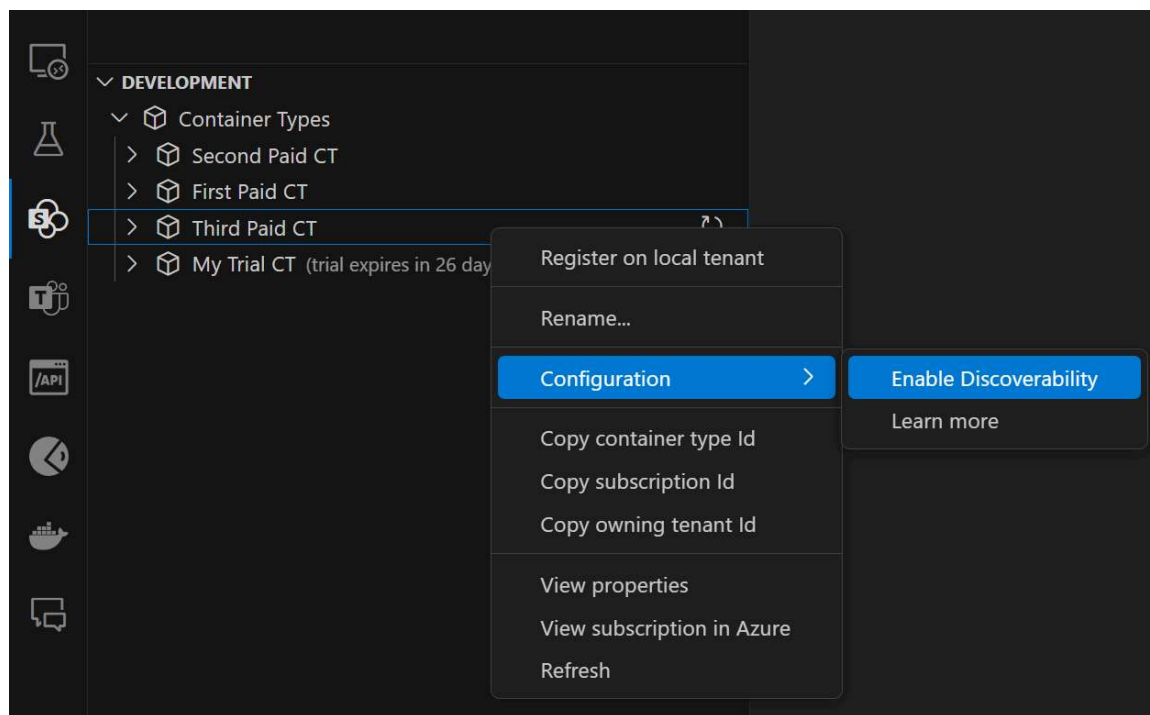
Steps in Postman client are orange

Steps in a Web browser are purple

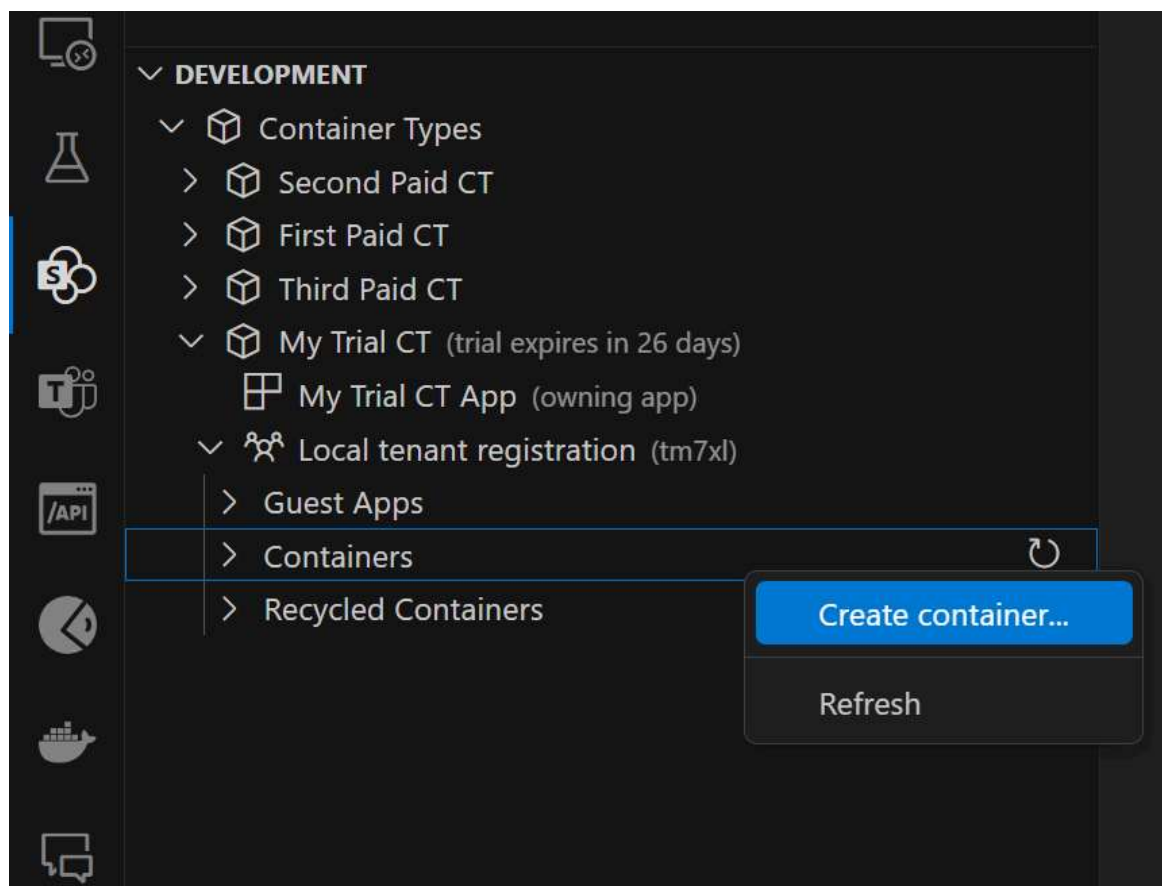
## 1. Open VS Code and install the SharePoint Embedded extension



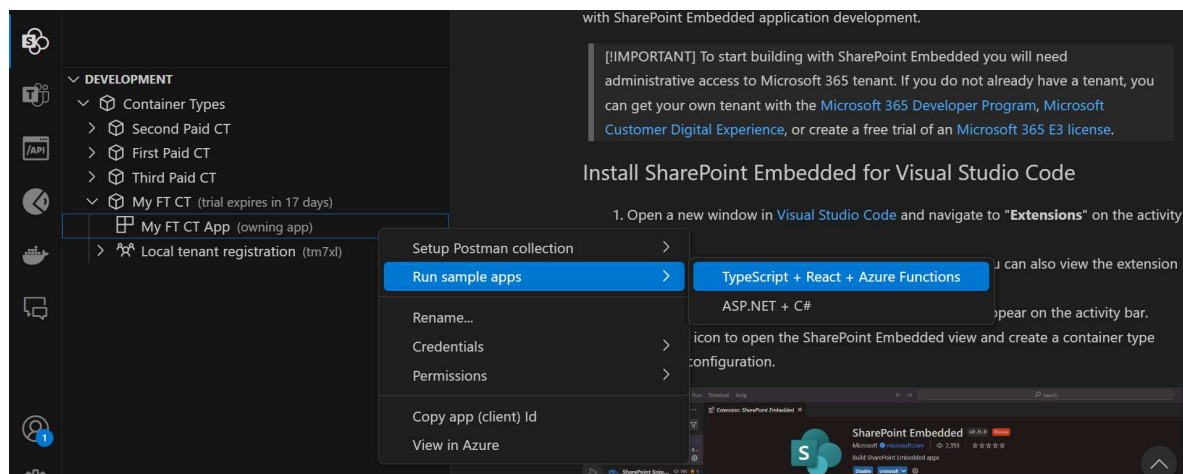
2. Sign in to the extension using your Global admin user account
3. Create a new Trial Container Type.
  - a. Container Type display name: Call it whatever you like
  - b. Entra App: Choose the option to create a new one, name it whatever you like
  - c. Follow the prompt to register the container type on your local tenant, granting admin consent on your new app
4. Update the Container Type configuration to enable Discoverability.



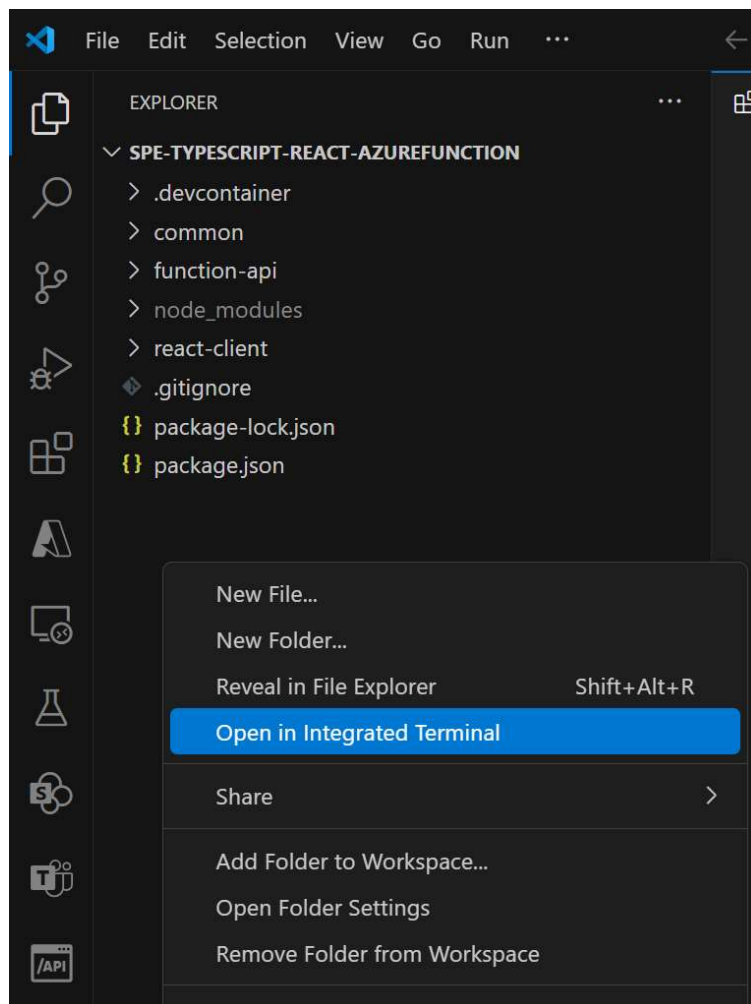
5. [Create a Container.](#)



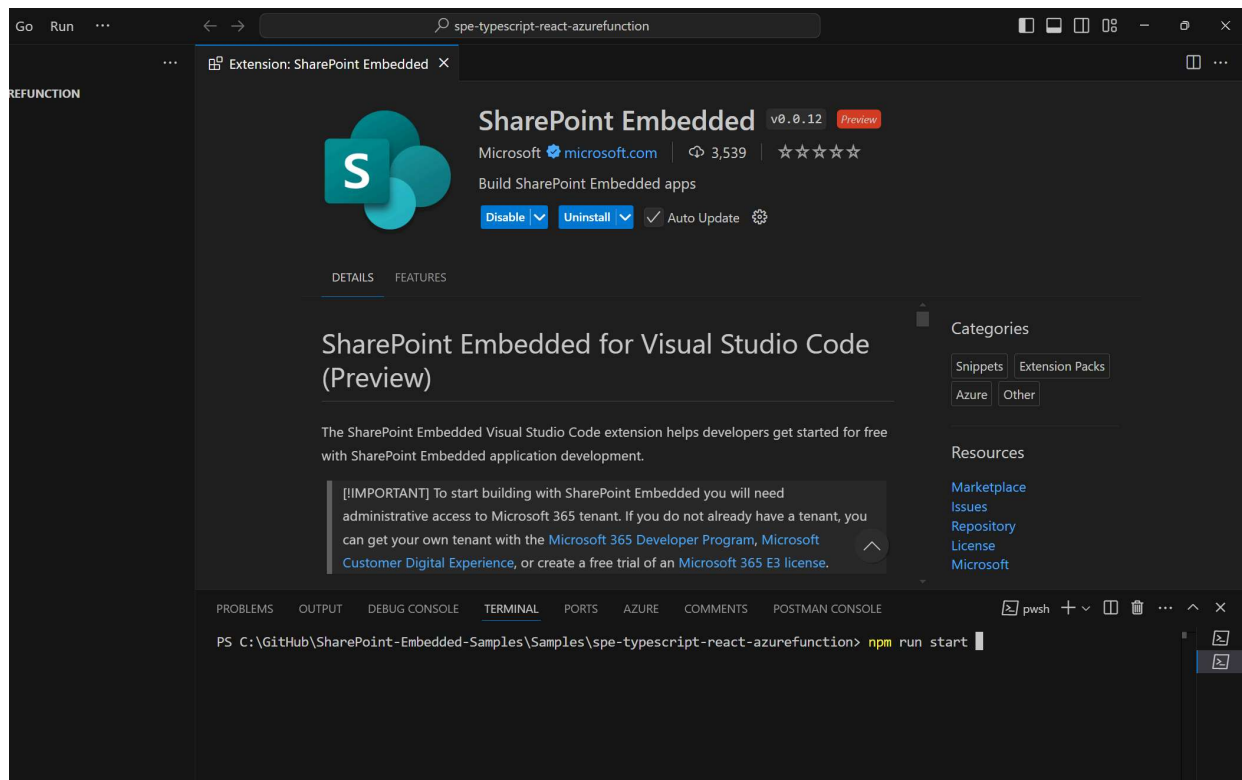
6. Run the TypeScript + React + Azure Functions sample application by right-clicking on the owning app for your new container type. Accept the prompt and select a location on your local machine to clone the sample app repository to. Choose "Open" to load the sample app into your existing workspace.



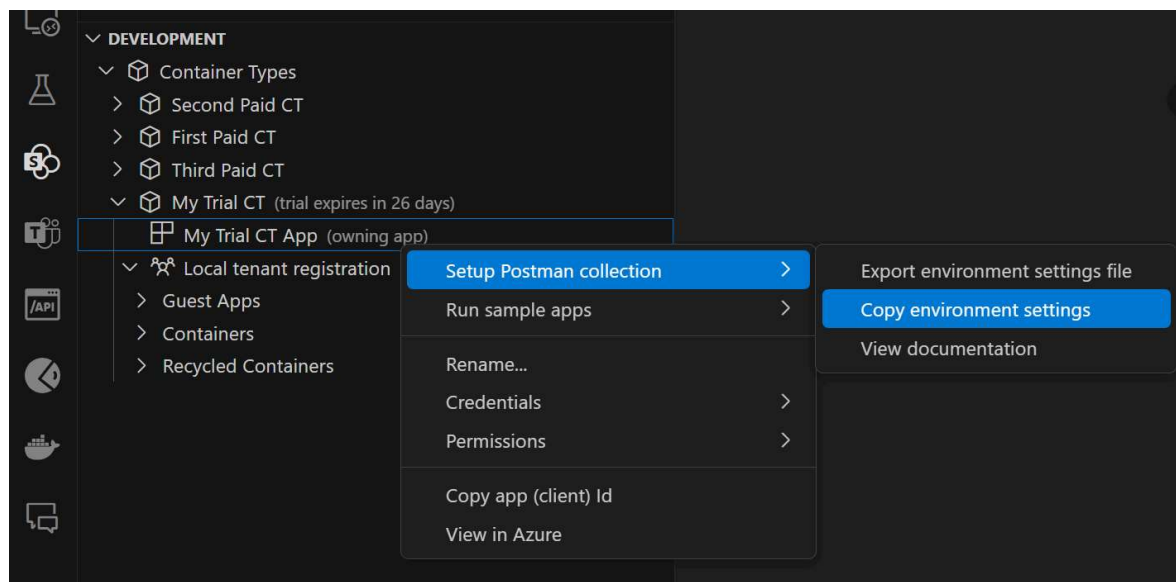
7. Open an integrated terminal in the root of the sample app folder (spe-typescript-react-azurefunction)



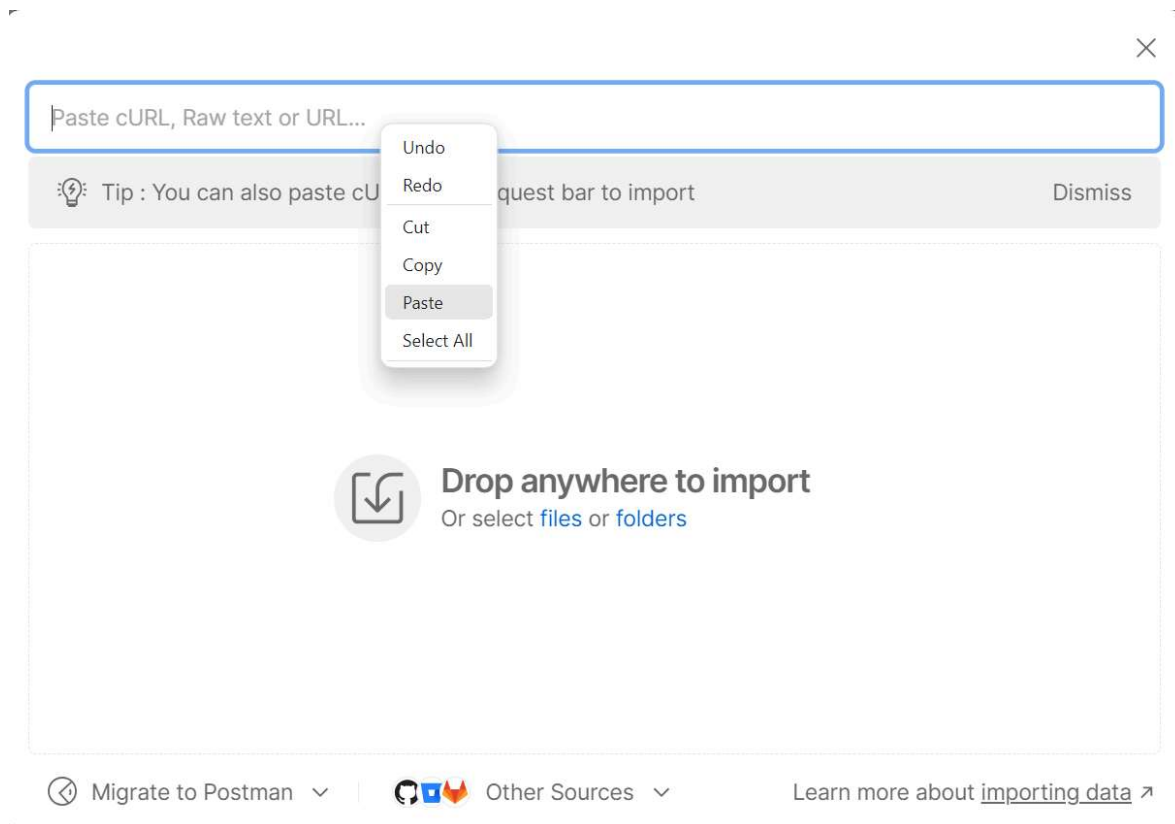
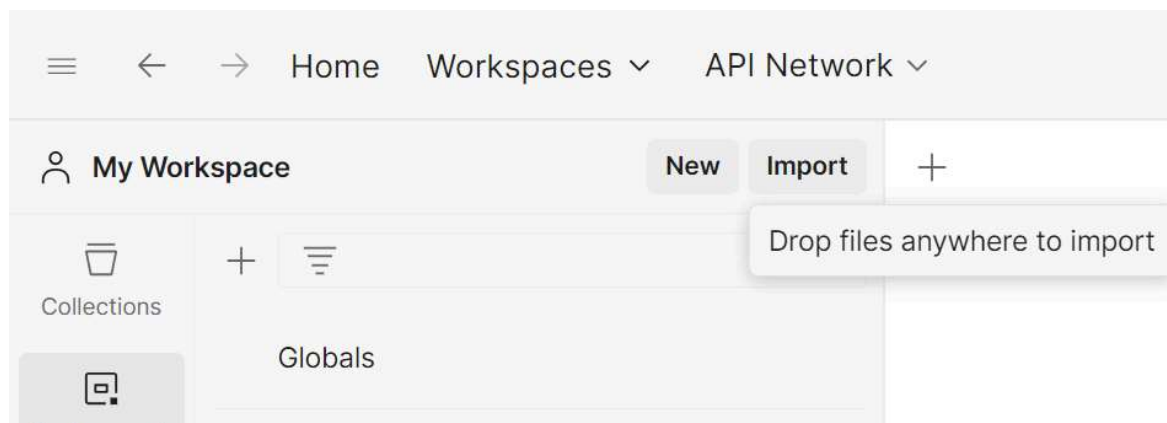
8. At the command prompt, run `npm run start` to start the client and backend apps. This step will take 5-10min or so. Move on to the next step right away though, we'll come back and play with the sample app after we explore the APIs via Postman.



- Export or copy a Postman environment from your owning Entra app. Accept the prompt to generate a new client secret to include in your environment, you'll need it.



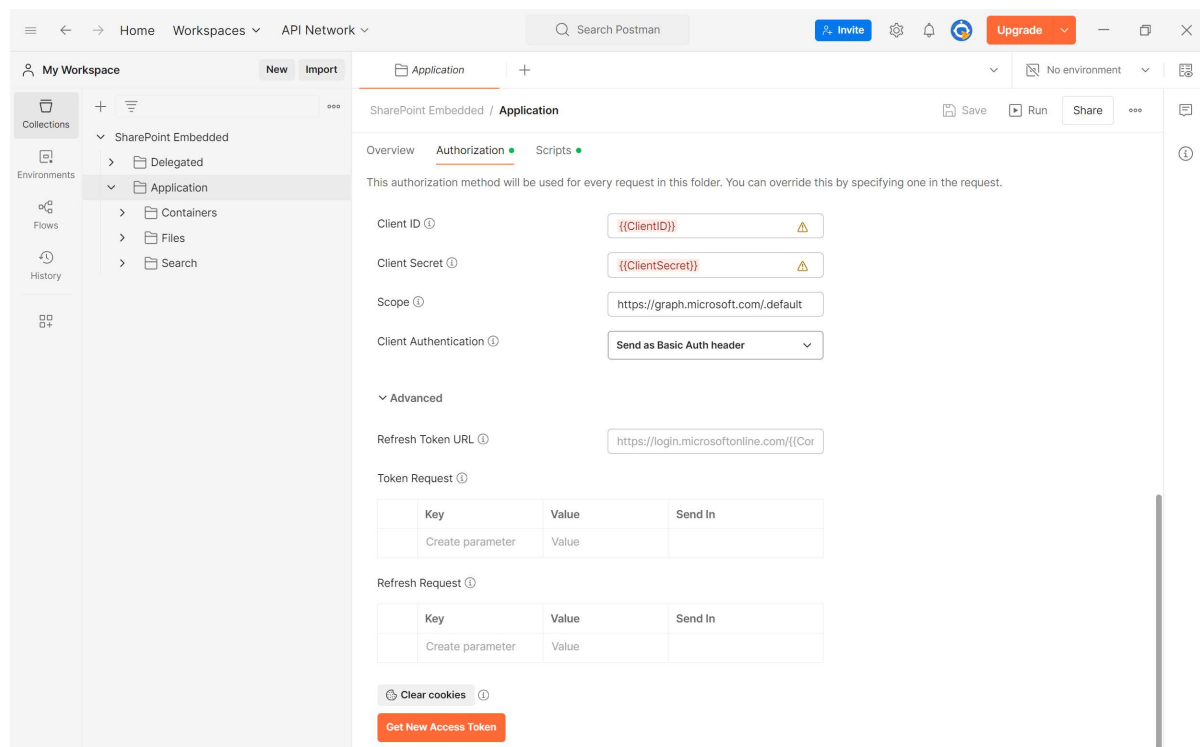
- Open the Postman desktop client and import your environment



11. Import the SharePoint Embedded Postman collection from <https://aka.ms/spe-postman>

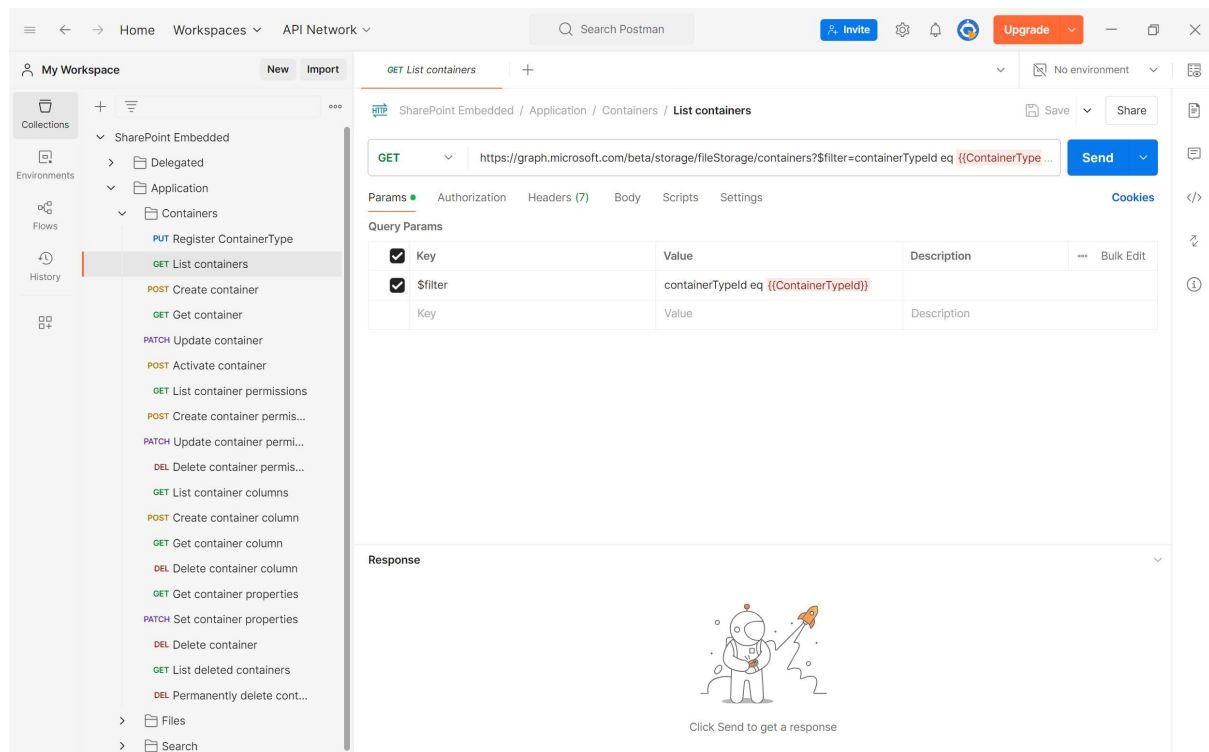


12. On the "Application" folder of the collection, get an access token from the 'Authentication' tab

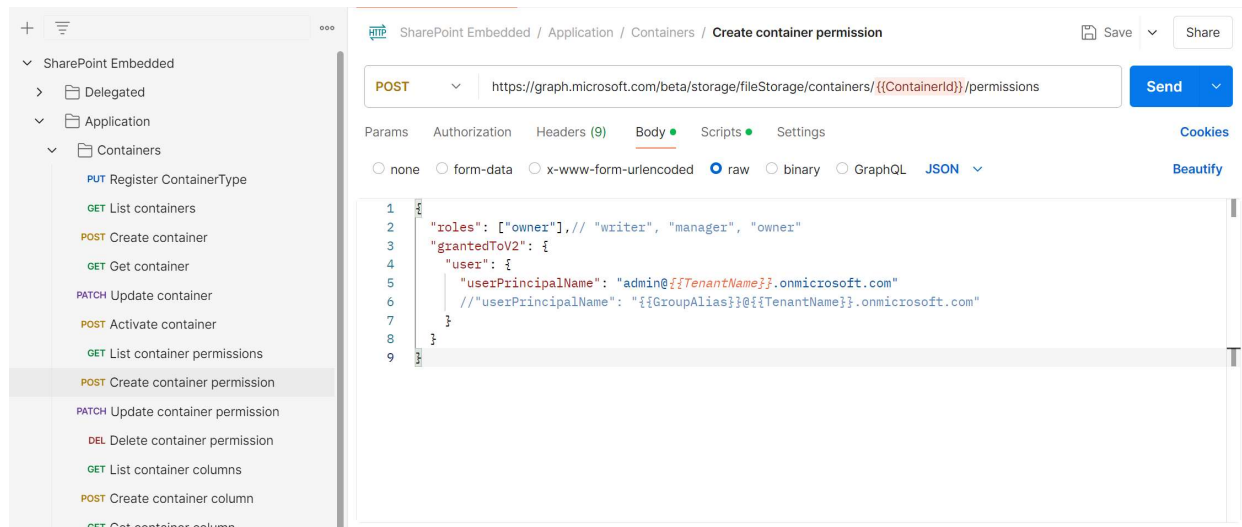


13. In the 'Containers' sub-folder, open the 'List containers' request and send it.



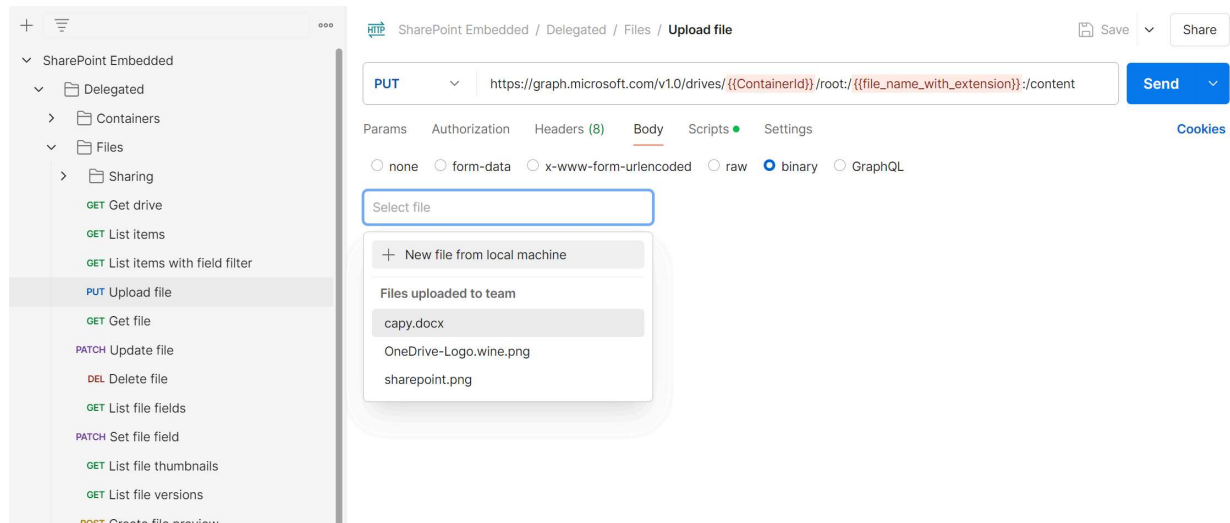


14. GET the container and look at its permissions
15. Add your admin user account as an owner on that container. If you are doing the Copilot chat lab later, do another request as needed to set your Copilot-licensed user account as an owner on that container too.



16. On the "Delegated" folder of the collection, get an access token from the 'Authentication' tab
17. Get the container as a Drive from the Files folder
18. Upload an Office document using the 'Upload file' request. You'll need to select a file from your local machine on the Body tab and update the {{file\_name\_with\_extension}} URL variable with the name of your file.





19. Visit the webUrl property link on the newly uploaded driveItem in a web browser where you can sign in with your global admin account
20. Now we're going to play around with the sample app you got running earlier. In a browser, open <http://localhost:8080> and sign into the sample using your global admin account (if you are doing the Copilot lab later, sign in with your Copilot-licensed user instead).
21. Click on your existing container and add some more files to it. Here are some things to try:
  - a. Add Office documents, like Word, Excel, and PowerPoint files
  - b. Select an Office document and try opening it in Web, Desktop, and Preview
  - c. In Office for Web or Desktop, try adding comments, @-mention, sharing, or other rich collaboration experiences.
  - d. Add and open a PDF and notice the full-fidelity document rendering ability of the preview client
  - e. Add and open videos images, audio files, and/or 3D models and try out the media capabilities of the built-in preview client
22. If you're doing the Copilot lab: On the 'Containers' page, create a new container named 'fruits' and another one named 'vegetables'. Upload the content from the Fall24Events/hands-on-labs/content folder into the corresponding containers.